

AGENDA

1. Agree on establishing a regulatory partnership (USEPA, NJDEP, NYSDEC, NYCDEP and NJHDG/NJCSO) and assign lead/next steps for reaching out to partners

Purpose of Partnership:

- Agree on need for - unified Design Life / Design Conditions / Shared Modeling Framework / Data Exchange Protocols
- NYCDEP provides a detailed presentation with examples of their LTCP and MS4 analysis / modeling
- NJHDG/NJCSO provides a detailed presentation on their plans for LTCP and MS4 analysis / modeling
- Detail what issues need to be aligned / resolved so that at the end of an appropriate 'Design Life' (e.g. 2100), we can communicate NY / NJ's 'best estimate' of water quality improvements for a full range of possible Climate Change 'Design Conditions' using a unified water quality modeling framework

2. Discuss the following HEP requests for CWRB:

- a. The possibility of requiring effluent monitoring for the full suite of C,N,P parameters for the next round of permitting (since dissolved oxygen impaired waters are impacted by the carbon, nitrogen and phosphorus (C,N,P) discharge)
- b. Recommendation of a requirement to quantify the ultimate biochemical oxygen demand (CBOD_u) in addition to the 5-day CBOD measurement and a focused ambient monitoring program that characterizes the near-shore, early morning dissolved oxygen regime coupled with the measurement of sediment oxygen demand throughout the impacted portion of the receiving waters.
- c. Including a recommendation for pathogen impaired waters to have a vigorous track-down program as part of LTCP/MS4 permits (similar proposal by Brent Gaylord)
- d. Including a track-down program recommendation for toxic impaired waters (similar to Delaware River Basin Commission work on PCBs) during permit renewals for WWTPs / LTCP / MS4.

3. Agree on the HEP requests/message for DESA, DECA and ERRD assistance

DECA

- Various NY/NJ Harbor & Estuary Program (HEP) and Long Island Sound Study (LISS) waters are impaired for dissolved oxygen.
- These receiving waters are impacted by the carbon, nitrogen and phosphorus (C,N,P) discharge, which is not fully characterized for all the WWTPs.
- For future WWTP inspections, we'd like to discuss the possibility of requiring effluent monitoring for the full suite of C,N,P parameters.
- Additionally, we recommend that the ultimate biochemical oxygen demand (CBOD_u) in addition to the 5-day CBOD measurement be quantified.

DESA

- Requesting, depending on available resources, that some of these dissolved oxygen / nutrient impaired receiving waters which have not been recently sampled be characterized for a full series of carbon, nitrogen and phosphorus (C,N,P) parameters.
- Given the importance of understanding the carbon system, we are requesting that the ultimate biochemical oxygen demand (CBOD_u) in addition to the 5-day CBOD measurement be quantified. Additionally, we request that the laboratory measurement of sediment oxygen demand (SOD) using undisturbed cores which are to be collected at specified sites throughout the impacted portion of the receiving waters be undertaken.
- Also CWD would like to get DESA thoughts, as scientist, on advisability of chlorinating CSO discharges, which is an approach being considered by NYCDEP.

ERRD

- NY/NJ Harbor & Estuary Program (HEP) waters are impaired for toxics and contaminated sediments are a major source of the problem. Fish consumption advisories are in place and contaminated sediments are an issue in regards to keeping the ports navigational channels open.
- The Hudson River Foundation (HRF) has started a major (i.e. \$3 million) PANYNJ / NJDOT project, CARP II (Contamination Assessment and Reduction Project), which is addressing NY/NJ Harbor sediment contamination (i.e. primarily for dioxin and PCBs) and its impacts on the economics of dredging in support of navigation. In support of the project HRF is requesting USEPA provide all available sediment quality data it has assembled as part of its Superfund and RCRA Corrective Action, etc. activities.
- NY/NJ HEP would like CWD to convene a meeting with ERRD and CASD where HRF can provide a brief (15/20 minute) overview of the CARP II project and then establish what protocol ERRD/CASD would like to follow to provide HRF the PCB / Dioxin / etc. sediment quality data that has been collected at Superfund / RCRA Corrective Action / etc. sediment sites, in the last five (5) years.